

LISTING OF THE CLAIMS

What is claimed is:

- 1 1. (Currently amended) A method of updating a program in a terminal device  
2 such that update data and an existent program may be stored separately within  
3 said terminal device, wherein  
4 if a transmission of update data from a base station to a terminal device is  
5 interrupted due to any disconnection between them, then after it is verified that the  
6 terminal device becomes connected to the base station, said transmission process is  
7 re-started for remaining parts of the update data;  
8 said update data are divided into a plurality of data sets by said base station  
9 and said plural data sets are added with sequential pointers respectively; and  
10 an arithmetic unit verifies a pointer of a completely received final update data  
11 set and determines a next pointer in connection with the next data set which should be  
12 received next.
- 1 2. (Canceled)
- 1 3. (Currently amended) The method as claimed in claim 1 2, wherein after one with a  
2 next pointer for said remaining data set is confirmed, then the data set with the next  
3 pointer is first transmitted during said re-transmission processes.:-
- 1 4. (Original) The method as claimed in claim 1, wherein after all of said update data  
2 are transmitted, then an operation test is automatically started.
- 1 5. (Original) The method as claimed in claim 3, wherein after all of said update data  
2 are transmitted, then an operation test is automatically started.

1       6. (Currently amended) A terminal device including:  
2             a receiving unit for receiving update data transmitted;  
3             an updating unit for receiving said update data and updating an existent  
4       program with said update data, such that said update data and existent program may  
5       be stored separately within the terminal device them; and  
6             an additional unit for transmitting said remaining data sets with reference to  
7       pointers added to said data sets;  
8             an arithmetic unit for verifying a pointer of a completely received final update  
9       data set and determining a next pointer in connection with the next data set which  
10       should be received next; and  
11            a re-starting unit for re-starting transmission process of remaining  
12       non-transmitted parts of the update data, after it is verified that the terminal device  
13       becomes connected to the base station, if a transmission of update data from a base  
14       station to a terminal device is interrupted due to any disconnection between.

1       7. (Canceled)

1       8. (Original) The device as claimed in claim 6, wherein after all of said update data  
2       are transmitted, then an operation test is automatically started.

1       9. (Original) The device as claimed in claim 8, further including a re-writing unit for  
2       re-writing said updated program into said program existent in said mobile terminal.